

CEEC/II/Rop
NORWAY

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COMMITTEE OF EUROPEAN ECONOMIC CO-OPERATION

FUEL AND POWER COMMITTEE

Corresponding to the questionnaire of
24th July 1947 we give herewith the information asked
for about the requirements of Norway in petroleum
and equipment for distribution and consumption

Crude oils are not included, as our single refinery
was destructed during the war and it is uncertain when
production can begin again

15-44441

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CEEC/II/Petroleum/Rep/Addendum
NORWAY

Petroleum estimates.

Materials for distribution and consumption.

Estimates of required dollar exchange 1948-51.

Automotive equipment	650,000 dollars
Petrol pumps	300,000 "
Storage tanks (no imports)	-
Prodimeters	140,000 "
Oilburners	2,500,000 "
Consumer tanks (no imports)	-
Other equipment	350,000 "
Imports of iron and steel plates for production of petrol ships, storage tanks and consumer tanks	2,000,000 "

5,900,000 dollars

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It must be noted that the figures given are rough estimates.

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Petroleum estimates - Norway

Materials for distribution and consumption

1948 - 1951 we should need each year

<u>Automotive equipment</u>	50 petrol cars (imports) 15 inspectors cars and service cars (imp.)(Petrol railway wagons) 1 petrol ship 1948, 1949 and 1950
<u>Petrol pumps:</u>	500 (imports)
<u>Storage tanks:</u>	15.000 m ³ (own production)
<u>Brodimeters:</u>	650 (imports)
<u>Oilburners:</u>	2000 (imports)
<u>Consumers tanks:</u>	200 (own production)
<u>Other equipment:</u>	rubber houses, pipes, fittings, valves, big pumps for ocean depots, equipment for service stations and other equipment, evaluated to 1,75 million norw. crowns each year (imports)

C.E.E.C. / Petroleum.

QUESTIONNAIRE RELATING TO PETROLEUM

NORWAY (Country)
1938 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	5	180	1.2	26	3.6	67	220	27	23	20	20	1.5			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	5 2	180 130	1.2 0.7	26 12	3.6 1.6	67 55	220 180	27 17	23 15	20 7	20 10	1.5 0.7			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	3	50	0.5	14	2.0	12	40	10	8	13	10	0.8			

1 & 2 : These quantities will correspond to the production shown under D.
 : Any surplus of indigenous crude to be shown.

C.E.E.C. / Petroleum.

QUESTIONNAIRE RELATING TO PETROLEUM**NORWAY** (Country)
1945 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils ¹		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	5	70	2	18	2	30	70	25	20	15	15	1			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	5	70	2	18	2	30	70	25	20	15	15	1			
	2.5	35	1	9	1	15	35	13	10	7	7	0.5			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	2.5	35	1	9	1	15	35	12	10	8	8	0.5			

1 & 2 : These quantities will correspond to the production shown under D.
+ : Any surplus of Indigenous crude to be shown.

C.E.E.C. / Petroleum.

QUESTIONNAIRE RELATING TO PETROLEUM**NORWAY** (Country)
1946 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	7	180	9	22	3	46	150	63	40	21	22	1.1			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	7 3	180 90	9 4	22 11	3 1.5	46 23	150 75	63 32	40 20	21 10	22 11	1.1 0.5			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	4	90	5	11	1.5	23	75	31	20	11	11	0.6			

1 & 2 : These quantities will correspond to the production shown under D.
: Any surplus of indigenous crude to be shown.

C.E.E.C. / Petroleum.

QUESTIONNAIRE RELATING TO PETROLEUM**NORWAY** (Country)
1947 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzin	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) "Parent" Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	9	190	7	27	3	248	195	250	55	22	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less "non dollar" supplies. (i) own sources. (ii) from participating countries. (iii) from other "non dollar" sources.	9	190	7	27	3	248	195	250	55	22	22	2			
	4	95	3.5	13	1.5	124	98	125	28	11	11	1			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	5	95	3.5	14	1.5	124	97	125	27	11	11	1			

1 & 2 : These quantities will correspond to the production shown under D.
+ : Any surplus of indigenous crude to be shown.

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QUESTIONNAIRE RELATING TO PETROLEUM**NORWAY** (Country)
1948 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzin	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) "Parent" Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	9	190	7	25	2	261	212	360	80	22	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less "non dollar" supplies. (i) own sources. (ii) from participating countries. (iii) from other "non dollar" sources.	9	190	7	25	2	261	212	360	80	22	22	2			
	4	95	3.5	12	1	131	106	180	40	11	11	1			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	5	95	3.5	13	1	130	106	180	40	11	11	1			

1 & 2 : These quantities will correspond to the production shown under D.
 - : Any surplus of indigenous crude to be shown.

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QUESTIONNAIRE RELATING TO PETROLEUM**NORWAY** (Country)
1949 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzinés	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	10	200	7.3	25	2	276	227	440	90	23	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	10	200	7.3	25	2	276	227	440	90	23	22	2			
	5	100	3.6	12	1	138	114	220	45	11	11	1			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	5	100	3.7	13	1	138	114	220	45	12	11	1			

1 & 2 : These quantities will correspond to the production shown under D.

+ : Any surplus of indigenous crude to be shown.

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NORWAY (Country)
1950 (Year)

QUESTIONNAIRE RELATING TO PETROLEUM

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzenes	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	11	200	7.3	24	2	292	245	500	110	24	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	11	200	7.3	24	2	292	245	500	110	24	22	2			
	5	100	3.6	12	1	146	123	250	55	12	11	1			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	6	100	3.7	12	1	146	122	250	55	12	11	1			

1 & 2 : These quantities will correspond to the production shown under D.
+ : Any surplus of indigenous crude to be shown.

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QUESTIONNAIRE RELATING TO PETROLEUM**NORWAY** (Country)
1951 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzenes	White Spirit	Burning (Illuminating) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	12	200	7.5	23	2	306	262	560	140	25	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	12	200	7.5	23	2	306	262	560	140	25	22	2			
	6	100	3.7	11	1	153	131	280	70	12	11	1			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	6	100	3.8	12	1	153	131	280	70	13	11	1			

1 & 2 : These quantities will correspond to the production shown under D.
+ : Any surplus of indigenous crude to be shown.

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ANSWERS TO QUESTIONNAIRE CEEC/II ON COALNotes to the annexed tables

1. The production figures relate to the production at Svalbard (Spitz-bergen). The figures for manpower include reconstruction workers.
2. The consumption of coal for the years 1948-1951 is calculated on the following assumptions:
 - a) the increasing demand for fuel in industry will to a certain extent be covered by an increased use of electric power and fuel oil. The figures for coal consumption will consequently show only a slight increase for these years.
 - b) domestic consumption is assumed to be 800.000 tons of coal in 1951. The prewar figure was 900.000 tons. The increasing demand due to the increasing population is assumed to be covered by electric power and fuel oil.

Oslo, 1. August 1947.

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COMMITTEE FOR FUEL AND POWER

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QUESTIONNAIRE ON COAL PRODUCTION, CONSUMPTION, IMPORTS AND EXPORTS

A. PRODUCTION (Metric tons)	1929	1935-38 average	1938	1945	1946	1947 estimates
(1) Net pithead production	267	321	329	15	98	245
(2) of which:						
(a) Hard coal	207	261	269	3	58	200
(3) Net disposable solid fuels (ton for ton)	267	321	329	15	98	245
(4) of which:						
(a) Coke (1)	60	60	60	12	40	45
Man power	639	504	528	250	680	1.000 x)
(5) Net pithead Production Target for 1948 (2) 300	1949 350	1950 400	1951 450			
Manpower 900	1.000	1.100	1.200			
(6) of which:						
(a) Hard coal 1948 300	1949 350	1950 400	1951 450			

All figures in Thousand Metric Tons

Coke production at gasworks ca. 50.000 Tons/year 1948 - 1951

x) Reconstruction of mines.

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COMMITTEE FOR FUEL AND POWERB. INTERNAL CONSUMPTION AND REQUIREMENTS (TON FOR TON)

	1929	1935-38 average	1938	1945	1946	1947 estimates
(1) total consumption	2,975	3,100	3,100	1,107	2,025	2,300
(2) forecast of total consumption						
requirements (3) (4a 1948	2,500	1949	2,700	1950	2,900	1951 3,100

Metric Tons

	1948	1949	1950	1951	
Gas works	100	105	110	115	
Railways	330	330	330	330	
Iron, Metal	230	230	230	230	
Other Industrial	1,000	1,025	1,070	1,115	<u>All figures in</u>
Bunkers	140	150	150	150	<u>Thousand</u>
Internal Navigation	300	310	310	310	<u>Metric tons</u>
Domestic	400	550	700	850	
Total	2,500	2,700	2,900	3,100	

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<u>C. IMPORTS (T.M. FOR TON)</u>	1929	1935-38 average	1938	1945	1946	1947 estimates
(1) Total imports (all solid fuels) ^{x)}	2.768	2.781	2.659	1.068	1.824	2.055.
(2) of which imported from:						
(a) Germany	85	253	156	264	693	400
(b) UK	1.933	1.887	1.834	280	103	10
(c) Poland	684	444	454	7	346	700
(d) and others	66	197	175	(USL) 407	(USL) 679	945
(3) Character of imports:						
(a) Hard coal and peat fuel (BKB)	2.226	2.070	2.000	957	1.476	1.735
(b) Coke	540	711	659	111	348	320
(4) Import Requirements (all solid fuels)						
(a) 1948: 2.150 1949: 2.300 1950: 2.450 1951: 2.600						

All figures in thousand Metric Tons.

x) Excluding imports from Svalbard (Spitzbergen). (See table I).

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COMMITTEE FOR FUEL AND POWER

D. EXPORTS (TCN FOR TCN) (INCLUDING FOREIGN BUNKERS)

	1929	1935-38 average	1938	1945	1946	1947 estimates
(1) Total Exports (All solid fuels)	C	2	C	C	C	C
(2) of which exported to:						
(a)						
(b)		(figures not available)				
(c)						
(d) and others						
(3) Character of Exports:						
(a) Hard Coal and patent fuel (BKB)						
(b) Coke	C	2 ^x)	C	C	C	C
(4) Export Targets (All solid fuels)						
1948: C Metric Tons; 1949: C Metric Tons; 1950: C Metric Tons; 1951: C Metric Tons.						
x) Coke-breeze.						

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MIXED SUB-COMMITTEE ON COKE:- QUESTIONNAIRE.

A. PRODUCTION (metric tons).

	a c t u a l					Esti- mate	F o r e c a s t			
	1929	1935-38 average	1938	1945	1946	1947	1948	1949	1950	1951
Total production of coke (gasworks)	60	60	60	12	40	45	50	50	50	50
of which coke-oven coke including coke breeze	0	0	0	0	0	0	0	0	0	0

B. MEANS OF PRODUCTION.

I. Raw Material:

Total:.....

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B. MEANS OF PRODUCTION (Continued).

Actual					Esti- mated.	Forecast.			
1929	1935-38 average	1938	1945	1946	1947	1948	1949	1950	1951

II. Equipment:-

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NORWAYC. CONSUMPTION OF COKE OVEN COKE.

All figures in Thousand Metric Tons.

	Actual		Estimated		Forecast					
	1929	1935-38	1938	1945	1946	1947	1948	1949	1950	1951
Consumption of coke-oven Coke (including coke breeze) :-										
(1) at coke-ovens	-	-	-	-	-	-	-	-	-	-
(2) by iron and steel industry:-										
(a) at Blast furnaces	-	-	-	-	-	-	-	-	-	-
(b) at Steel foundries	-	-	-	-	-	-	-	-	-	-
(c) miscellaneous iron and steel (not including iron foundries)	66	142	170	55	125	160	170	170	170	180
Total (a) + (b) + (c) x	66	142	170	55	125	160	170	170	170	180
(d) Iron foundries	20	25	26	15	25	28	30	30	30	30
Total (a) + (b) + (c) + (d)	86	167	196	70	150	188	200	200	200	210
(3) Chemical industry*	10	13	13	10	12	13	14	14	15	15
(4) Other industries	60	69	70	31	90	80	80	86	90	95
(5) Domestic (coke-oven coke only for e.g. central heating)	394	460	380	-	27	39	226	370	515	550
Total (1) - (5)	540	709	659	111	279	320	520	670	820	870

X) This total consumption is that asked for in the Iron and Steel Questionnaire.

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D. IMPORTS OF COKE FROM COKE + o)

All figures in Thousand Metric Tons.

	Actual				Estimated		Forecast			
	1929	1935-38 average	1938	1945	1946	1947	1948	1949	1950	1951
<u>Total Imports</u> ⁺	540	711	659	111	348	320	520	670	820	870
<u>of which from</u>										
Germany	41	57	50	79	222	96				
United Kingdom	437	445	417	32	88	100				
Poland	-	23	27	-	38	100				
Holland	23	117	112	-	-	-				
Belgium	-	49	40	-	-	-				
Others	39	20	13	-	-	116				
						(USA)				

+) These imports will cover the difference between Consumption (Table C) and Production (Table A) with appropriate allowance for Exports (Table E).

o) Includes imports of coke from gasworks (London). Detailed figures not available.

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E. SURPLUS FOR EXPORT. COKE AND COKING COAL.

	A c t u a l					Esti- mated	Forecast available	surplus		
	1929	1935-38 average	1938	1945	1946	1947	1948	1949	1950	1951
(1) Exports of coke-oven coke	-	2 (breeze)	-	-	-	-	-	-	-	-
(2) Exports of coking coal	-	-	-	-	-	-	-	-	-	-